

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

Vol: 74 No: 45

For Week Ending: November 5, 1993

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
 (All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 11/05/93	Last Week Ending: 10/29/93	Last Year Week Ending: 11/06/92	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,903	13,990	13,765	-87	138
Operable Capacity	15,145	15,145	15,459	0	-314
Percent Operated	91.8	92.4	89.0		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,447	7,389	7,019	58	428
Total Motor Gasoline Stocks	210,122	210,490	208,346	-368	1,776
Total Finished Gasoline Stocks	172,425	173,532	168,784	-1,107	3,641
Blending Components Stocks	37,697	36,958	39,562	739	-1,865
JET KEROSENE					
Total Jet Kerosine Production	1,306	1,283	1,266	23	40
Total Jet Kerosine Stocks	37,865	37,176	42,716	689	-4,851
DISTILLATE FUEL OIL					
Total Distillate Production	3,412	3,493	3,234	-81	178
Total Distillate Stocks	137,966	138,500	135,703	-534	2,263
RESIDUAL FUEL OIL					
Total Residual Fuel Production	763	800	857	-37	-94
Total Residual Fuel Stocks	44,584	43,255	43,893	1,329	691
IMPORTS					
Crude Oil Imports	6,055	6,939	6,168	-884	-113
Product Imports	1,940	2,021	2,012	-81	-72
CRUDE OIL STOCKS	329,522	333,858*	326,876	-4,336	2,646
CRUDE SUPPLY BALANCE	279				

See Definitional Notes on Page 6.

*See revisions, Page 7.

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U.S. REFINERY OPERATIONS
(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,629	1,383	1,414	1,442	98.1
Appal. No. 1	100	99	99	109	90.8
PADD 1 TOTAL	1,729	1,482	1,513	1,551	97.5
Week Ago	1,691	1,476	1,511	1,551	97.4
Year Ago	1,644	1,352	1,353	1,544	87.6
IN, IL, KY	2,304	2,181	2,259	2,327	97.1
MN, WI, ND, SD	365	355	355	368	96.5
OK, KS, MO	759	687	686	726	94.5
PADD 2 TOTAL	3,428	3,223	3,300	3,421	96.5
Week Ago	3,505	3,284	3,348	3,421	97.9
Year Ago	3,270	3,045	3,107	3,356	92.6
Inland TX	567	515	515	530	97.2
TX Gulf Coast	3,238	2,786	2,933	3,231	90.8
LA Gulf Coast	2,631	2,400	2,400	2,646	90.7
N. LA and AR	170	154	157	256	61.3
NM	101	77	77	95	81.1
PADD 3 TOTAL	6,707	5,932	6,082	6,758	90.0
Week Ago	6,680	6,026	6,180	6,758	91.4
Year Ago	6,796	6,248	6,335	7,138	88.8
PADD 4 TOTAL	498	466	472	519	90.9
Week Ago	488	450	454	519	87.5
Year Ago	422	421	421	514	81.9
PADD 5 TOTAL	2,636	2,521	2,536	2,896	87.6
Week Ago	2,639	2,472	2,497	2,896	86.2
Year Ago	2,657	2,473	2,549	2,907	87.7
U.S. TOTAL	14,998	13,624	13,903	15,145	91.8
Week Ago	15,003	13,708	13,990	15,145	92.4
Year Ago	14,789	13,539	13,765	15,459	89.0

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT
(Daily Averages in thousands of 42-gallon barrels)

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DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commere'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	804	419	—	385	15	57	52	5	536	286	250	126
Appal. No. 1	41	—	—	41	—	—	—	—	37	23	14	3
PADD 1 TOTAL	845	419	—	426	15	57	52	5	573	309	264	129
Week Ago	824	355	—	469	7	109	99	10	578	297	281	129
Year Ago	936	na	na	na	7	96	na	na	436	na	na	109
IN, IL, KY	1,286	516	—	770	8	125	120	5	512	275	237	64
MN, WI, ND, SD	196	52	—	144	1	22	22	—	107	46	61	9
OK, KS, MO	384	98	—	286	5	26	26	—	199	77	122	6
PADD 2 TOTAL	1,866	666	—	1,200	14	173	168	5	818	398	420	79
Week Ago	1,891	670	—	1,221	18	178	175	3	918	502	416	78
Year Ago	1,707	na	na	na	17	166	na	na	757	na	na	76
Inland TX	288	39	—	249	11	39	29	10	167	85	82	9
TX Gulf Coast	1,604	212	—	1,392	13	318	279	39	608	302	306	159
LA Gulf Coast	1,172	189	—	983	12	316	299	17	638	257	381	172
N. LA and AR	57	—	—	57	7	1	1	—	60	45	15	11
NM	31	5	—	26	3	5	—	5	23	21	2	1
PADD 3 TOTAL	3,152	445	—	2,707	46	679	608	71	1,496	710	786	352
Week Ago	3,130	461	—	2,669	56	644	612	32	1,433	753	680	368
Year Ago	3,007	na	na	na	79	588	na	na	1,486	na	na	345
PADD 4 TOTAL	246	22	—	224	10	21	21	—	145	75	70	7
Week Ago	237	10	—	227	7	20	20	—	141	71	70	9
Year Ago	208	na	na	na	11	30	na	na	109	na	na	8
PADD 5 TOTAL	1,338	631	—	707	3	376	328	48	380	253	127	196
Week Ago	1,307	567	—	740	4	332	247	85	423	268	155	216
Year Ago	1,161	na	na	na	19	386	na	na	446	na	na	319
U.S. TOTAL	7,447	2,183	—	5,264	88	1,306	1,177	129	3,412	1,745	1,667	763
Week Ago	7,389	2,063	—	5,326	92	1,283	1,153	130	3,493	1,891	1,602	800
Year Ago	7,019	na	na	na	133	1,266	na	na	3,234	na	na	857

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS

(in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Finished Motor Gasoline					Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
	Total	Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	4,520	4,504	709	—	3,795	16	48	617	14,083	2,813	11,270	1,579	—
Central Atlantic	30,880	25,936	8,567	—	17,369	4,944	177	4,409	40,297	10,639	29,658	13,626	10,888
Lower Atlantic	23,570	23,395	4,254	—	19,141	175	183	3,960	13,632	6,612	7,020	3,038	540
PADD 1 TOTAL	58,970	53,835	13,530	—	40,305	5,135	408	8,986	68,012	20,064	47,948	18,243	11,428
Week Ago	57,981	53,011	12,949	—	40,062	4,970	379	9,015	68,939	23,008	45,931	16,465	11,922
Year Ago	56,381	51,476	na	na	na	4,905	331	13,315	63,422	na	na	18,289	12,591
PADD 2 TOTAL	52,713	45,089	1,047	—	44,042	7,624	758	5,627	29,720	16,240	13,480	2,835	17,543
Week Ago	52,835	45,509	973	—	44,536	7,326	730	6,204	28,868	14,887	13,981	2,824	17,239
Year Ago	59,245	49,496	na	na	na	9,749	855	8,551	28,918	na	na	2,172	15,604
PADD 3 TOTAL	62,613	47,398	5,028	—	42,370	15,215	1,334	14,815	26,664	10,772	15,892	15,744	49,262
Week Ago	63,788	48,147	5,132	—	43,015	15,641	1,264	14,374	28,009	12,230	15,779	15,546	48,096
Year Ago	57,609	42,105	na	na	na	15,504	1,618	14,464	31,532	na	na	15,420	53,331
PADD 4 TOTAL	5,126	3,687	464	—	3,223	1,439	220	534	2,454	1,278	1,176	398	2,340
Week Ago	5,090	3,913	256	—	3,655	1,177	193	555	2,441	1,183	1,258	408	2,459
Year Ago	6,026	4,684	na	na	na	1,342	239	572	2,292	na	na	435	1,952
PADD 5 TOTAL	30,700	22,416	8,058	—	14,358	8,284	360	7,903	11,116	6,995	4,121	7,364	21,423
Week Ago	30,796	22,952	7,374	—	15,578	7,844	668	7,028	10,243	6,007	4,236	8,012	21,501
Year Ago	29,085	21,023	na	na	na	8,062	1,378	5,814	9,539	na	na	7,577	21,477
U.S. TOTAL	210,122	172,425	28,127	—	144,298	37,697	3,080	37,865	137,966	55,349	82,617	44,584	101,996
Week Ago	210,490	173,532	26,686	—	146,846	36,958	3,234	37,176	138,500	57,315	81,185	43,255	101,217
Year Ago	208,346	168,784	na	na	na	39,562	4,421	42,716	135,703	na	na	43,893	104,955

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)
(daily averages in thousands of 42-gallon barrels)

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DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: November 5, 1993	4,292.0	5,862	874
Week Ended: October 29, 1993	4,292.0	6,371	832
Week Ended: October 22, 1993	4,292.0	6,378	930
Week Ended: November 6, 1992	4,368.0	6,024	795
DOE latest (06/93):	4,303.0		
PADD 5			
Week Ended: November 5, 1993	2,492.0	193	111
Week Ended: October 29, 1993	2,492.0	568	104
Week Ended: October 22, 1993	2,492.0	282	88
Week Ended: November 6, 1992	2,675.0	144	—
DOE latest (06/93):	2,454.0		
TOTAL U.S.			
Week Ended: November 5, 1993	6,784.0	6,055	985
Week Ended: October 29, 1993	6,784.0	6,939	936
Week Ended: October 22, 1993	6,784.0	6,660	1,018
Week Ended: November 6, 1992	7,043.0	6,168	795
DOE monthly - year ago	7,024.0		
DOE latest (06/93):	6,757.0		

CRUDE OIL STOCKS BY LOCATION
(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	12,423	76,233	163,629	10,961	66,276	14,809	329,522
Week Ago	15,899	76,717	165,129	11,005	65,108	15,558	333,858
Year Ago	14,574	71,443	158,325	11,046	71,488	17,118	326,876

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	279
1992 Average:	282
1992 Positive Average:	511
1992 Negative Average:	-479

See Definitional Notes on Page 6.

*See revisions, Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline			Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	128	16	—	112	—	—	5	94	3	91	84	—	—	311
Central Atlantic	85	—	—	85	—	—	19	6	3	3	156	67	73	425
Lower Atlantic	9	—	—	9	—	—	—	75	54	21	105	—	—	214
PADD 1 TOTAL	222	16	—	206	—	—	30	175	60	115	345	67	73	950
week ago	397	—	—	397	—	—	52	257	102	155	116	10	113	1,094
4 Week averages														
avg - current 4 weeks	236	4	—	232	35	10	44	173	66	107	243	23	107	911
avg - year ago 4 weeks	259	na	na	na	57	10	83	276	na	na	329	18	188	1,273
PADDs 2-4 TOTAL	1	—	—	1	24	—	—	44	42	2	53	247	319	877
week ago	3	—	—	3	9	4	46	60	56	4	2	142	321	728
4 Week averages														
avg - current 4 weeks	12	—	—	12	16	1	12	27	25	2	40	211	388	900
avg - year ago 4 weeks	7	na	na	na	1	2	11	15	na	na	98	165	243	666
PADD 5 TOTAL	5	—	—	5	—	—	31	35	—	35	25	6	5	113
week ago	11	—	—	11	—	2	72	90	81	9	7	6	5	199
4 Week averages														
avg - current 4 weeks	22	—	—	22	—	1	26	45	30	15	30	5	27	163
avg - year ago 4 weeks	10	na	na	na	—	—	—	3	na	na	2	5	13	37
U.S. TOTAL	228	16	—	212	43	—	61	254	102	152	423	320	397	1,940
week ago	411	—	—	411	73	6	170	407	239	168	125	158	439	2,021
4 Week averages														
avg - current 4 weeks	269	4	—	265	51	11	82	243	120	123	312	239	522	1,969
avg - year ago 4 weeks	276	na	na	na	58	12	95	293	na	na	430	188	444	1,976

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S WEEKLY STATISTICAL BULLETIN

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

- | | | |
|----|------------------|----------------------------|
| 1) | New England | ME, NH, VT, MA, RI, and CT |
| 2) | Central Atlantic | NY, NJ, PA, DE, MD, and DC |
| 3) | Lower Atlantic | VA, WV, NC, SC, GA, and FL |

API Weekly Statistical Bulletin
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Revisions

10/29/93 PAGE 4 STOCKS CRUDE OIL

PADD 2 TOTAL	76,717
PADD 3 TOTAL	165,129
U.S. TOTAL	333,858